

DBSS

Defense Blood Standard System

DBSS is a Food and Drug Administration (FDA)-regulated, Class II Medical Device designed to handle blood collection, processing and tracking procedures, and automation of standards and safeguards for the Military Health System (MHS) blood supply. DBSS is also identified by the FDA as a Blood Establishment Software item.

DBSS supports the Armed Services Blood Program, which represents the Army, Navy, and Air Force, by providing high quality blood products and services to MHS beneficiaries as an element of national policy in peacetime and during contingency periods of operation.

Through DBSS, the United States military has the ability to automate the exchange of blood products with our nation's allies and civilian agencies, and to track these products from "cradle-to-grave."

DBSS is continually enhanced to meet the challenge of functioning as a cutting edge information system and to address issues affecting the readiness of military troops. Future globalization of DBSS will give the Services access to patient and donor information across military treatment facilities, allowing the MHS to better serve users, donors, and blood recipients.

CAPABILITIES OF DBSS

- = Reduces the risk of transfusion-transmitted diseases by automatically identifying ineligible donors before their blood is collected.



- = Automates critical control point checks throughout the process of blood product donation, testing, labeling, shipment, and transfusion.
- = Interfaces with the Automated Blood Product Labeling System to provide automated Food and Drug Administration compliant blood product labels to minimize potential labeling risks.
- = Gives field commanders accurate, real-time information on the availability of blood inventories.
- = Supports the management and operation of blood donor centers, transfusion services, Armed Services Whole Blood Processing Laboratories, and deployed field units.

DBSS BENEFICIARIES

- = MHS users
- = Laboratory personnel
- = Health care provider staff

STATUS OF DBSS

DBSS currently serves deployed troops at more than 240 of the following peacetime and theater sites.

- = Military treatment facilities
- = Hospital ships
- = Fleet hospitals
- = Frozen blood product depots
- = Expeditionary medical support facilities
- = Blood supply units
- = Contingency hospitals
- = Air transportable hospitals
- = Blood transshipment centers